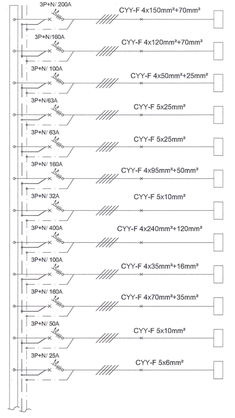
SCHEMA ELECTRICA MONOFILARA PENTRU TABLOUL ELECTRIC GENERAL TGD

MONOFILAR ELECTRICAL SCHEME FOR GENERAL ELECTRIC PANEL TGD

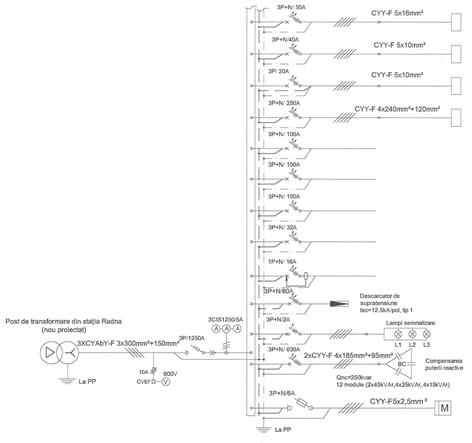
TGD

Pi = 1027,55 kW Pa =514,0 kW Ic=976 A	Un = 400 V.c.a CosØ= 0,92 - dupa compensare CosØ= 0,76 - inainte de compensare Cs = 0,5



Circ.	Nr. rec. LL/LP	Pi [kW]	Pi [kW] L1	Pi [kW] L2	Pi [kW] L3	Ic	Observaţii/ Observations
C1	R	75.29	26.17	24.41	24.69	126	Alimentare Tablou TPG Electric panel supply TPG
C2	R	71.76	24.97	24,1	22.67	114	Alimentare Tablou TMU Electric panel supply TMU
C3	R	52.39	16.89	17.50	18.0	77	Alimentare Tablou TAS Electric panel supply TAS
C4	R	29.39	9.89	10.50	9.00	41	Alimentare Tablou TAE Electric panel supply TAE
C5	R	30.07	10.57	10.00	9.50	42	Alimentare Tablou TAM Electric panel supply TAM
C6	R	58.39	19.72	20.33	17.33	85	Alimentare Tablou TE-SC Electric panel supply TE-SC
C7	R	14.39	4.39	4.00	6.00	26	Alimentare Tablou TCT Electric panel supply TCT
C8	R	254.08	87.46	84.16	82.46	321	Alimentare Tablou TP1 Electric panel supply TP1
C9	R	56.6	18	19.3	19.3	79	Alimentare Tablou TP2 Electric panel supply TP2
C10	R	94.10	32.33	30.63	30.63	134	Alimentare Tablou TP3 Electric panel supply TP3
C11	R	26.50	10.17	8.17	8.17	40	Alimentare Tablou TLH Electric panel supply TLH
C12	R	7.60	2.37	2.87	2.37	14	Alimentare Tablou TSC Electric panel supply TSC

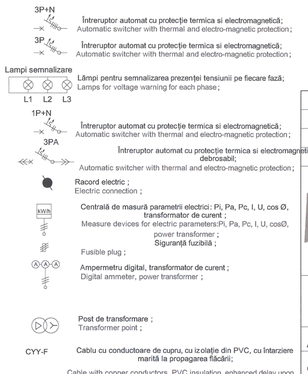
TGD



C13	R	12.0	4.0	4.0	4.0	34.6	Alimentare Tablou TV1 Electric panel supply TV1
C14	R	8.5	2.833	2.833	2.833	24.5	Alimentare Tablou TPR Electric panel supply TPR
C15	R	5.0	1.67	1.67	1.67	9.0	Alimentare Tablou TSPAU Electric panel supply TSPAU
C16	R	130.49	42.68	43.26	44.23	195	Alimentare Tablou TEP Electric panel supply TEP
C17	-	30.00	10.00	10.00	10.00	54.1	Rezerva Reserve
C18	-	30.00	10.00	10.00	10.00	54.1	Rezerva Reserve
C19	-	30.00	10.00	10.00	10.00	54.1	Rezerva Reserve
C20	-	9.00	1.00	1.00	1.00	16.2	Rezerva Reserve
C21	6LP	2.0	2.0	-	-	10.9	Prize Sockets
-	ΣPi=	1027.55	347.11	338.76	333.85	976	Alimentare Tablou din PT Electric panel supply from PT

		250 kVAr	85	85	80	360.85	Baterie de condensatoare Capacitor bank

LEGENDĂ / LEGEND:



Notă/ Note:

Schemele monofilare se vor consulta împreună cu planurile de electrice.

În cazul în care se vor achiziţiona echipamente (utilaje) electrice cu caracteristici tehnice diferite, faţă de cele prevăzute în proiect, se va redimensiona schema monofilară.

Orice greşeala sau neconcordanţă găsită, executantul are obligaţia de a atrage atenţia proiectantului, altfel executantul va fi răspunzător pentru acestea.

The single-wire diagrams will be read together with the layouts plans.

If purchased electrical equipment (machinery) have different characteristics, from those in the project, the single-wire diagrams will be resized .

The contractor has to draw the attention of the designer with regard to any error or incongruity encountered, otherwise the contractor will be responsible for it.

Verificator / Expert Checker / Expert	Semnătura Signature	Referat / Expertiză Report / Expertise

European Investment Bank

MINISTERUL TRANSPORTURILOR

BENEFICIAR / BENEFICIARY :

COMPANIA NAŢIONALĂ DE CĂI FERATE "CFR" SA

PROIECTANT / DESIGNER: PÖYRY			Data Date	Semnătura Signature
Aprobat Approved	Şef de echipă Team leader	C. Teodorescu	01.2013	
Verificat Checked	Expert Cheie Key Expert	D.A. Stănescu	01.2013	
Subcontractant / Subcontractor VIOTOP				
Aprobat Approved	Adjunct Şef de echipă Deputy Team leader	A.M. Baicu	01.2013	
Proiectat Designed	Inginer Engineer	M. Ciocîrlan	01.2013	

"Reabilitarea liniei c.f. Frontier à - Curtici - Simeria , parte componentă a coridorului IV Pan - European pentru circula ţia trenurilor cu viteză maximă de 160 km/h" Transonul 2 - A: Km 614 - Cap Y B Arzava

"Rehabilitation of the Railway Line Border - Curtici - Simeria , component Part of the IV Pan - European Corridor for the Trains Circulation with maximum speed of 160 km/h" Section 2 - A: Km 614 - End Y B Arzava

Project 9i 35311.1

Faza / Phase: PTH+CS / TD+TS

Denumire desen / Drawing name:

Schemă monofilară tablou TGD - Hală mentenanţă Radna

Radna Maintenance hall - Unifilar diagram for TGD panel

Scara / Scale	Revizia / Revision	Cod desen / Drawing Code	Nr / No
-	1/05.2013	PT.2A.03.06.IE.07.031	31/31